Gate:

Wednesday, 26/11/2008 12:45:43 PM

User:

Julie Dawson

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number : 43742

Estimate Number

P.O. Number

Prsht Rev.

First Issue

Comment

Previous Run

This Issue

: 26/11/2008

: 11177

: NC

: // : 41888 Type

S.O. No. :

Part Number

Drawing Name

: D2281

: JACK SADDLE

Drawing Number

: D2281 REV G

Project Number

: N/A : G

Drawing Revision

Material

Due Date

05-12-02 JLM

: 10/12/2008

Qty:

50 Um:

Each

Written By

Checked & Approved By

: Est Rev:A

Removed from 9 Digit

: SMALL /MED FAB

06.07.17 waterjet EC Est: rev B

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M304S14GA

304SS sheet .080

Comment: Qty.:

0.1313 sf(s)/Unit

Total:

6.5625 sf(s)

304SS .080

batch: 109357

2.0

WATER JET

FLOW WATER JET



Comment: FLOW WATER JET

1-Cut as per Dwg D2281 Dwg Rev:_

Prog Rev:

2-Deburr if necessary

3.0

QC2



B8-12-5



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

QC8

SECOND CHECK

Comment: SECOND CHECK

5.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



M

Comment: Deburr

Page 1

Form: rprocess

| Dart Aerosp | pace Ltd |
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|-------------|----------|

| W/O: | | WORK ORDER CHANGES | | | | | | | | | |
|---------|--------|---------------------------------------|--------|----------------|-----|-------------------------------|--------------------------|--|--|--|--|
| DATE | STEP | PROCEDURE CHANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | | |
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| | | | | | | | | | | | |
| Part No | : | PAR #: Fault Category: NC | R: Yes | s No DQ | A: | Date: _ | | | | | |

| NCR: | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | |
|------|----------------------------------|-------------------|-------------------|------------------------------|-------------|--------------|-----------------------|--------------------------|
| | | Description of NC | | Corrective Action Section E | 3 | Verification | Annroyal | Anneoval |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Approval Chief Eng | Approval QC Inspector |
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NOTE: Date & initial all entries

Wednesday, 26/11/2008 12:45:43 PM Date: User: Julie Dawson **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: JACK SADDLE Job Number: 43742 Part Number: D2281 Job Number: Seq. #: Description: **Machine Or Operation:** BRAKE NC NC BRAKE 6.0 Comment: NC BRAKE Form as per D2281 using D2281-T2 7.0 QC5 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 8.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: M15C QC21 FINAL INSPECTION/W/O RELEASE 9.0 Comment: FINAL IN ECTION/W/O RELEASE Job Completion

Form: rprocess

Page 2

| Dart Aerospace L | .td |
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| Dart Ae | rospace | e Ltd | | | | | | | |
|---------|------------|-------------------|-----------------|----------------|------------|----------------|-------------------------------|--------------------------|--|
| W/O: | | | ER CHANGE | CHANGES | | | | | |
| DATE | STEP | PROCEDURE CHANGE | | | | Date Q | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
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| Part No |) : | PAR #: | Fault Category: | * | NCR: Yes | No DQA: | Date: _ | | |
| | R | lesolution: | Disposition: | · | QA: N/C CI | osed: | Date: _ | | |
| NCR: | | | WORK ORDER NON- | CONFORMA | NCE (NCF | 3) | | - Philippin | |
| | | Description of NC | Corrective | Action Section | n B | Verification | n Approval | Approval | |

| WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | |
|----------------------------------|-------------------|------------------------|--|---|--|--|--|--|
| | Description of NC | | Corrective Action Section B | | Verification | A | Approval | |
| STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Chief Eng | Approval QC Inspecto | |
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| | STEP | STED Description of NC | STEP Description of NC Section A Initial Chief Eng | STEP Description of NC Section A Corrective Action Section B Initial Action Description Chief Eng Chief Eng | STEP Description of NC Section A Corrective Action Section B Initial Action Description Chief Eng Chief En | STEP Description of NC Section A Corrective Action Section B Verification Section C Chief Eng Chief Eng Chief Eng Corrective Action Description Chief Eng Chief Eng Chief Eng Chief Eng Corrective Action Section B Verification Section C Section C | STEP Description of NC Section A Chief Eng Corrective Action Section B Verification Section C Chief Eng Ch | |

NOTE: Date & initial all entries

| | | L O 4140 - |
|------------------------------|--------------|-------------|
| DART AEROSPACE LTD | Work Order: | 1214) |
| | | |
| Description: Jack Saddle | Part Number: | D2281 |
| Inspection Dwg: D2281 Rev: G | | Page 1 of 1 |

| | FIRS | T ARTICLE IN | NSPECTION | ON CHE | CKLIST | | |
|----------------------|---------------|---------------------|------------|--------|----------------------|--------|---------|
| | | X First Arti | cle | Proto | otype | | |
| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Co | omments |
| 4.468 | +/-0.010 | 4.470 | 80 | | | | |
| 4.114 | +/-0.010 | 4.115 | 6 | | | | |
| 2.933 | +/-0.010 | 2.936 | } | | | | |
| 1.535 | +/-0.010 | 1.535 | يز | | | | |
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| 2.000 | +/-0.010 | 1,999 | <u> </u> | | | | |
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| 3.646 | +/-0.010 | 3,644 | ير | | | | |
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| Measured by: | B | Audited by: | 5,1 | | Prototype App | roval: | N/A |

| Measured by: | B | Audited by: | 5,1 | Prototype Approval: | N/A |
|--------------|--------|-------------|----------|---------------------|-----|
| Date: | 8-17-8 | Date: | 08/12/08 | Date: | N/A |

| Rev | Date | Change | Revised by | Approy∉d |
|-----|----------|-----------|------------|----------|
| Α | 06.09.08 | New Issue | KJ/JLM 🛠 | |
| | | | | |



| DESIG { | 3W | DRAWN BY | DART AEROSPACE HAWKESBURY, ONTARIO, CANAD | |
|------------|--------|--|--|--------------|
| CHEC | KED, C | APPROVED | DRAWING NO. | REV. G |
| | 4 | 1885 | D2281 | SHEET 1 OF 1 |
| DATE | | · /· · · · · · · · · · · · · · · · · · | TITLE | SCALE |
| 05.0 | 06.07 | | JACK SADDLE | 1:2 |
| Α | | 94.10.14 | NEW ISSUE | |
| В | | 94.10.18 | DIMENSION WAS 2.878 | |
| С | | 94.11.04 | ADD TOOLING NOTCH | |
| D | | 98.03.27 | R0.350 WAS R0.280 | |
| 1 | | | | |

REMOVE TOOLING NOTCHES

REDESIGN FLAT PATTERN

REDESIGN FLAT PATTERN



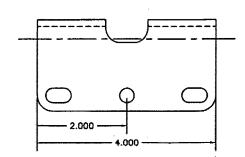
| | | ø0.323 | | G | | 05.06.07 |
|------------|-------|----------------|-------------|--------------------|-----------------|----------|
| | | (2 PLACES) | \setminus | | | |
| | 4.468 | | | | • | |
| | 4.114 | +++ | ⊕ <u>~</u> | (++) | | |
| | • | F | 1.525 | د | | |
| G | 2.933 | | | | | |
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| <u>(c)</u> | 1.535 | | \sim | | - R0.312 (TYP) | |
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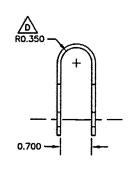
F

04.11.18

05.03.16



FLAT LAYOUT



SHOP COPY RETURN TO **ENGINEERING**

D2281 JACK SADDLE

1) MATERIAL: 304/316 SS, 0.080 THICK (REF DART SPEC. M304S14GA)

2) FINISH: NONE

3) BREAK ALL SHARP EDGES 0.005 TO 0.010

4) ALL DIMENSIONS ARE IN INCHES

5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

UNCONTROLLED COPY SUBJECT TO AMENDMENT

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